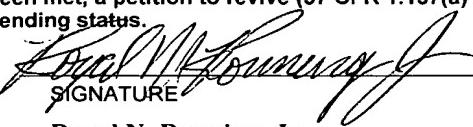


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| FORM PTO-1190 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2005) | | ATTORNEY/DOCKET NUMBER PL02129 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) To be assigned 10/535389 |
| INTERNATIONAL APPLICATION NO. PCT/US2003/036739 | INTERNATIONAL FILING DATE 18 November 2003 | PRIORITY DATE CLAIMED 18 November 2002 |
| TITLE OF INVENTION METHOD FOR ANALYSING AMINO ACIDS, PEPTIDES AND PROTEINS | | |
| APPLICANT(S) FOR DO/EO/US REID, Gavin; SIMPSON, Richard; and O'HAIR, Richard | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). | | |
| Items 13 to 23 below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 19. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. EV 328148115 US 23. <input checked="" type="checkbox"/> Other items or information: copy of this transmittal letter for charging purposes, Certificate of Mailing by Express Mail, printed copy of the sequence listing (4pgs), submission of sequence listing required statements (2pgs), copies of the non-US references cited on the Information Disclosure Statement, and a return postcard | | |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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| U.S. APPLICATION NO (if known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER | |
| 10/535389 | | PCT/US2003/036739 | | PL02129 | |
| The following fees are submitted: | | | | | |
| 24. <input checked="" type="checkbox"/> Basic national fee \$300 25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). \$100 All other situations. \$200 | | | | | |
| 26. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations. \$500 | | | | | |
| TOTAL OF 24, 25 and 26 = | | | | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | | RATE | |
| - 100 = | 0 /50 = | 0 | | x \$250.00 | \$ 0.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 82 - 20 = | 62 | x \$50.00 | \$ 3,100.00 | |
| Independent claims | 5 - 3 = | 2 | x \$200.00 | \$ 400.00 | |
| MULTIPLE DEPENDENT CLAIMS (if applicable) | | | <input type="checkbox"/> | + \$360.00 | \$ 0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | | |
| SUBTOTAL = | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | | |
| TOTAL NATIONAL FEE = | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ 0.00 | | | | | |
| TOTAL FEES ENCLOSED = | | | | | |
| <input type="checkbox"/> Amount to be \$ <input type="checkbox"/> Amount to be \$ | | | | | |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. | | | | | |
| b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>502-590</u> in the amount of <u>\$4,400.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | |
| c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>502-590</u> . A duplicate copy of this sheet is enclosed. | | | | | |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| Customer No.: 22840 Amersham Biosciences Corp Patent Department 800 Centennial Avenue Piscataway, NJ 08855 (732) 457-8423 | | | | | |
|  Royal N. Ronning, Jr. SIGNATURE | | | | | |
| NAME _____ <u>32,529</u> REGISTRATION NUMBER _____ | | | | | |

10/535389

J006 Rec'd 10/10/10 18 MAY 2005

Docket No.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): G. REID, et al.

PL02129

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|-----------------------------------|-------------------------------|----------------------------|-----------------------|----------------------------------|
| Application No. to be assigned | Filing Date to be assigned | Examiner to be assigned | Customer No. 22840 | Group Art Unit to be assigned |
|-----------------------------------|-------------------------------|----------------------------|-----------------------|----------------------------------|

Invention: **METHOD FOR ANALYSING AMINO ACIDS, PEPTIDES AND PROTEINS**

I hereby certify that the following correspondence:

transmittal letter with copy, filing fee, First Preliminary Amendment (22pgs), unsigned combined Declaration/Power of Attorney (4pgs), copy of the international application as published, copy of the International Search Report, Information Disclosure Statement (PTO-1449) (2pgs) with copies of non-US references cited, sequence listing on one diskette and on paper (4pgs), submission of sequence listing required statement (2pgs) and a return postcard

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

18 May 2005

(Date)

Melissa Leck

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EV 328148115 US

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